

FIG. 1A (PRIOR ART)

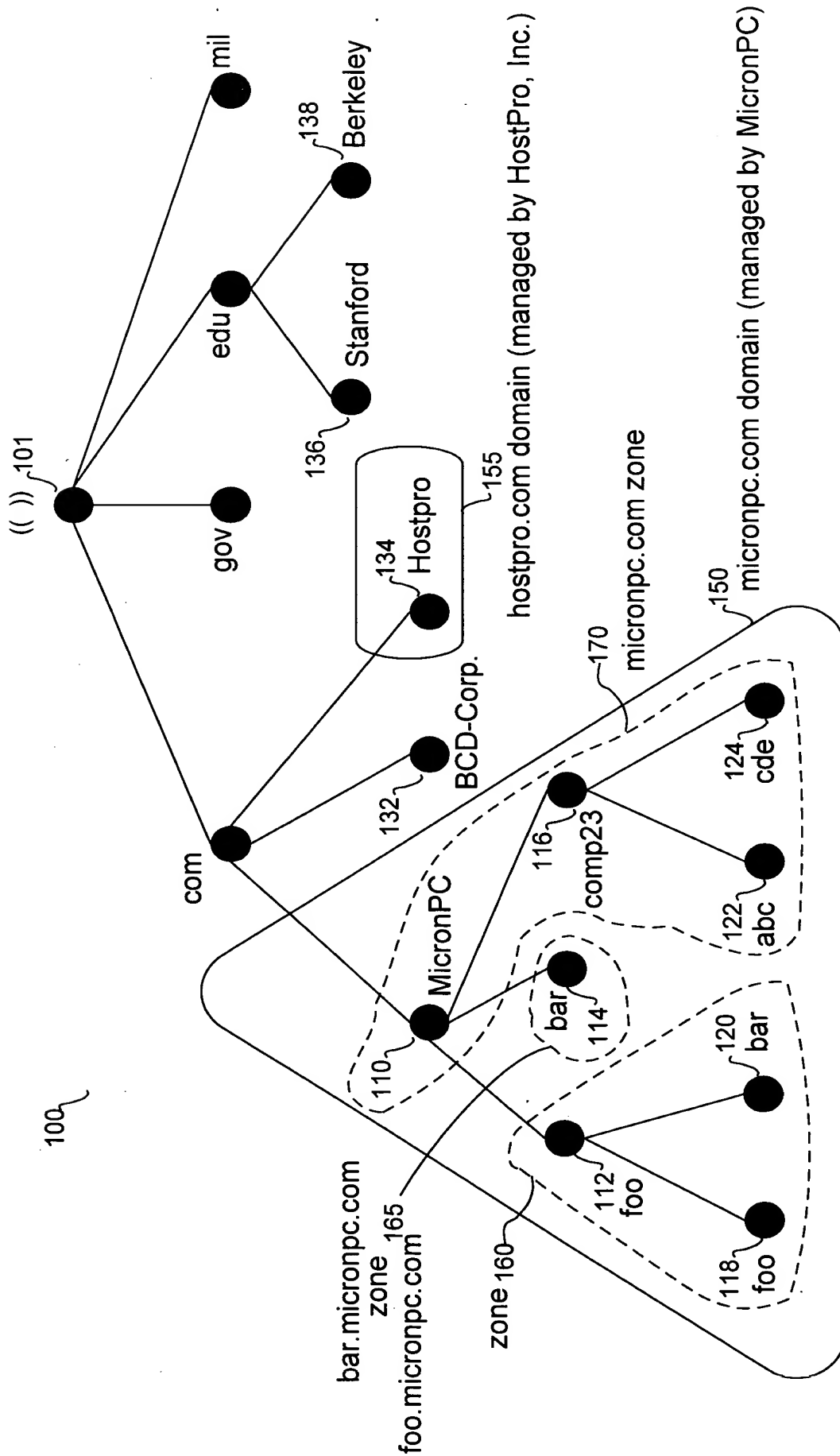


FIG. 1B (PRIOR ART)

Example Configuration Data File for the Primary Name Server of the
 foo.MicronPC.com Zone

primary	foo.MicronPC.com	db.foo.MicronPC
primary	standford.edu	db.stanford
:		
:		

FIG. 2A

Example db.foo.MicronPC Zone Data File for the foo.MicronPC.com Zone

foo.MicronPC.com. IN SOA ns1.HostPro.com postmaster.HostPro.com.

;;; information for slave name servers

1837	;;; serial number for this version of the zone data file
1800	;;; refresh after 30 minutes
900	;;; retry after 15 minutes
86400	;;; expire after 1 week
1800	;;; minimum Time To Live (TTL) of 30 minutes
)	

;;; name servers for the zone

IN	NS	ns1.HostPro.com.
IN	NS	bar

;;; mail server

IN	MX	5 mailserver.HostPro.com.
----	----	---------------------------

;;; addresses

@	IN	A	216.23.39.188
foo	IN	A	216.23.39.180
bar	IN	A	216.23.46.83

;;; aliases

stmp	IN	CNAME	@
www	IN	CNAME	@
ftp	IN	CNAME	foo.foo.MicronPC.com.
bigdaddy	IN	CNAME	bar

FIG. 2B

Example Partial Zone Data File for the MicronPC.com Zone

;;; delegation of subzone foo.MicroPC.com to authoritative name servers for the subzone

foo	86400	IN	NS	nsl.HostPro.com.
	86400	IN	NS	bar.foo.MicronPC.com.
bar.foo.MicronPC.com.	86400	IN	A	216.23.46.83

FIG. 2C

Example DDIU Update File

362	<path-1>/db.foo.MicronPC	365	modified
364	<path-2>/db.foo.MicronPC		modified
366	<path-3>/db.abcd		deleted
:			
:			

FIG. 3B

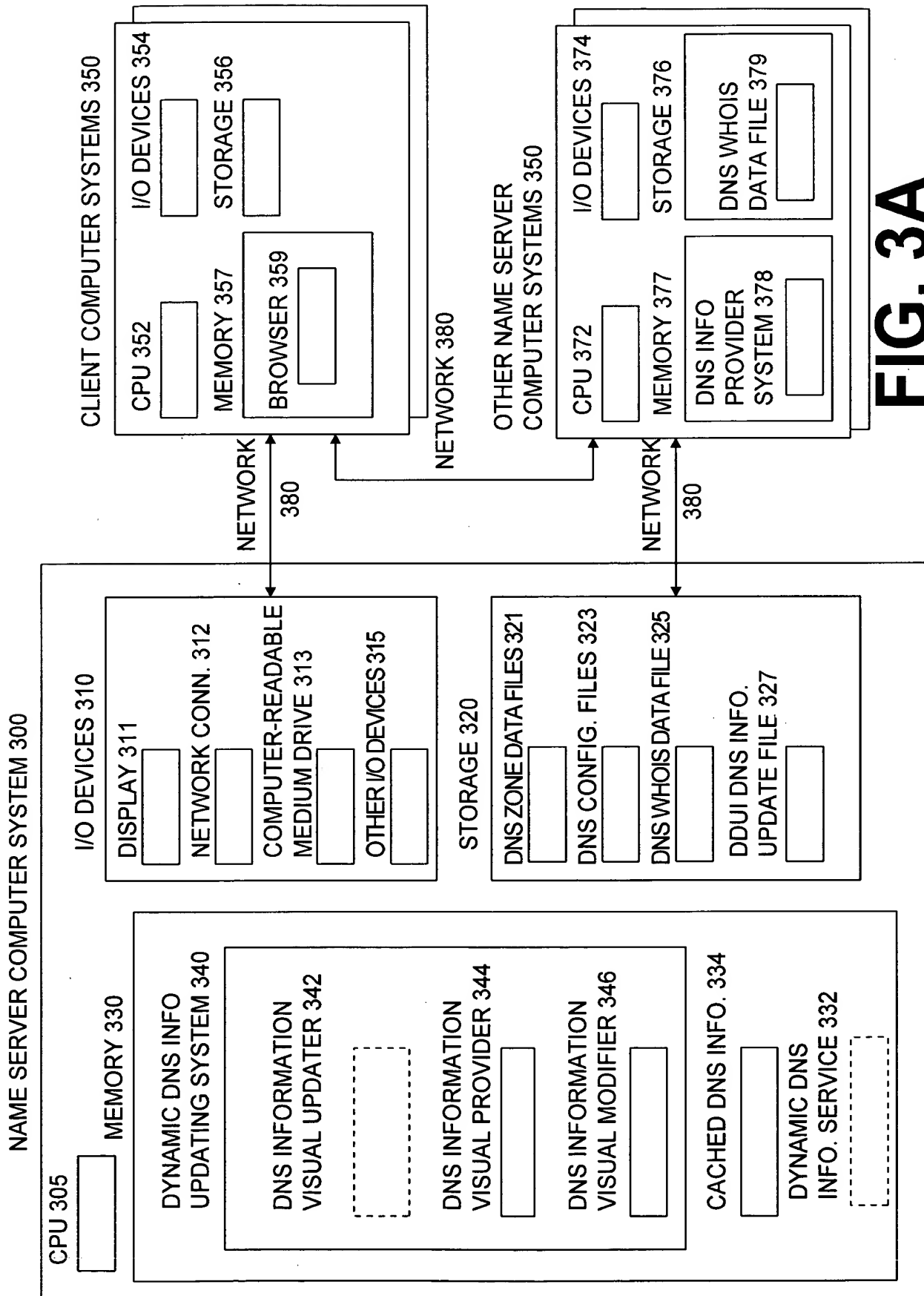


FIG. 3A

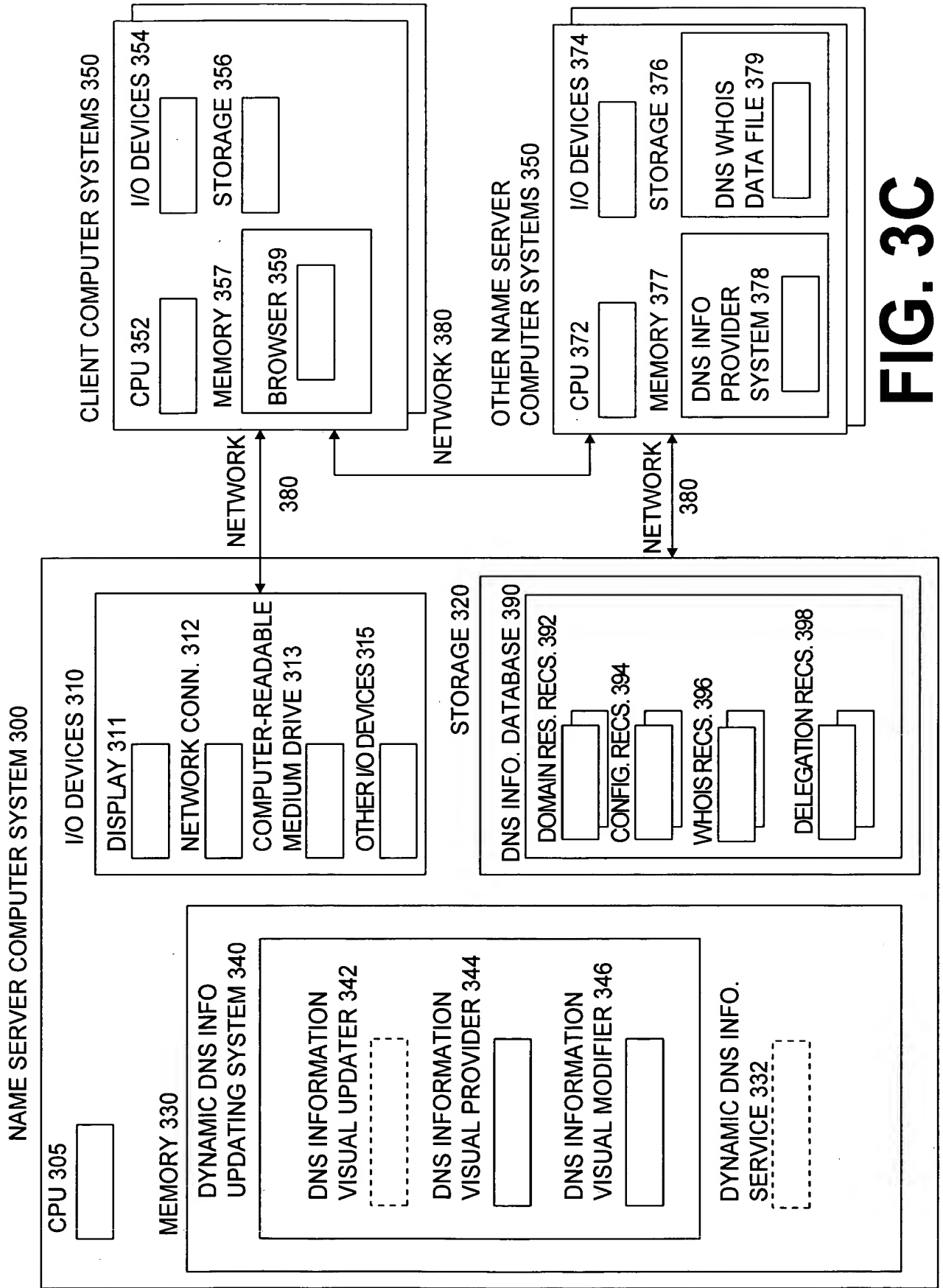
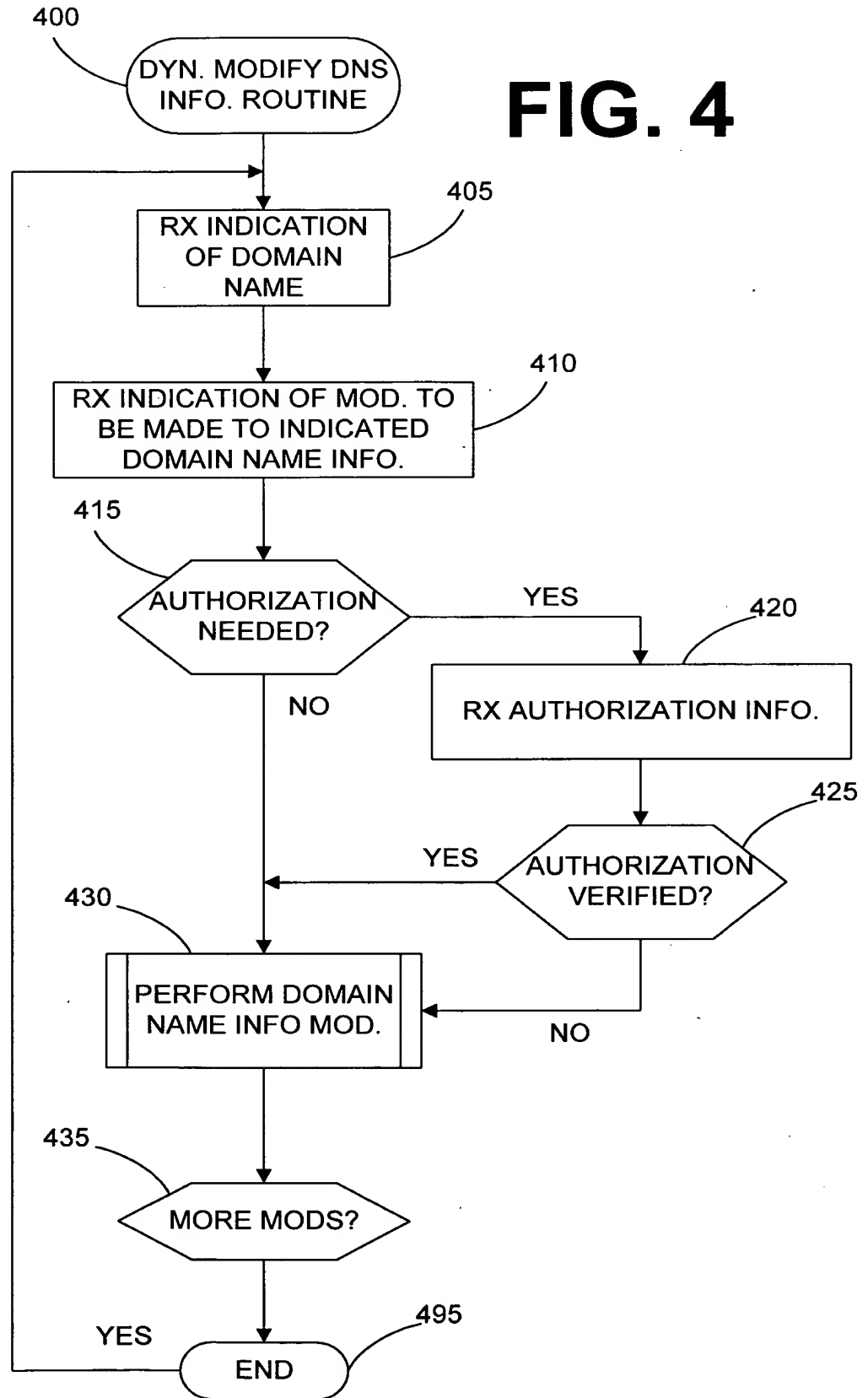


FIG. 4



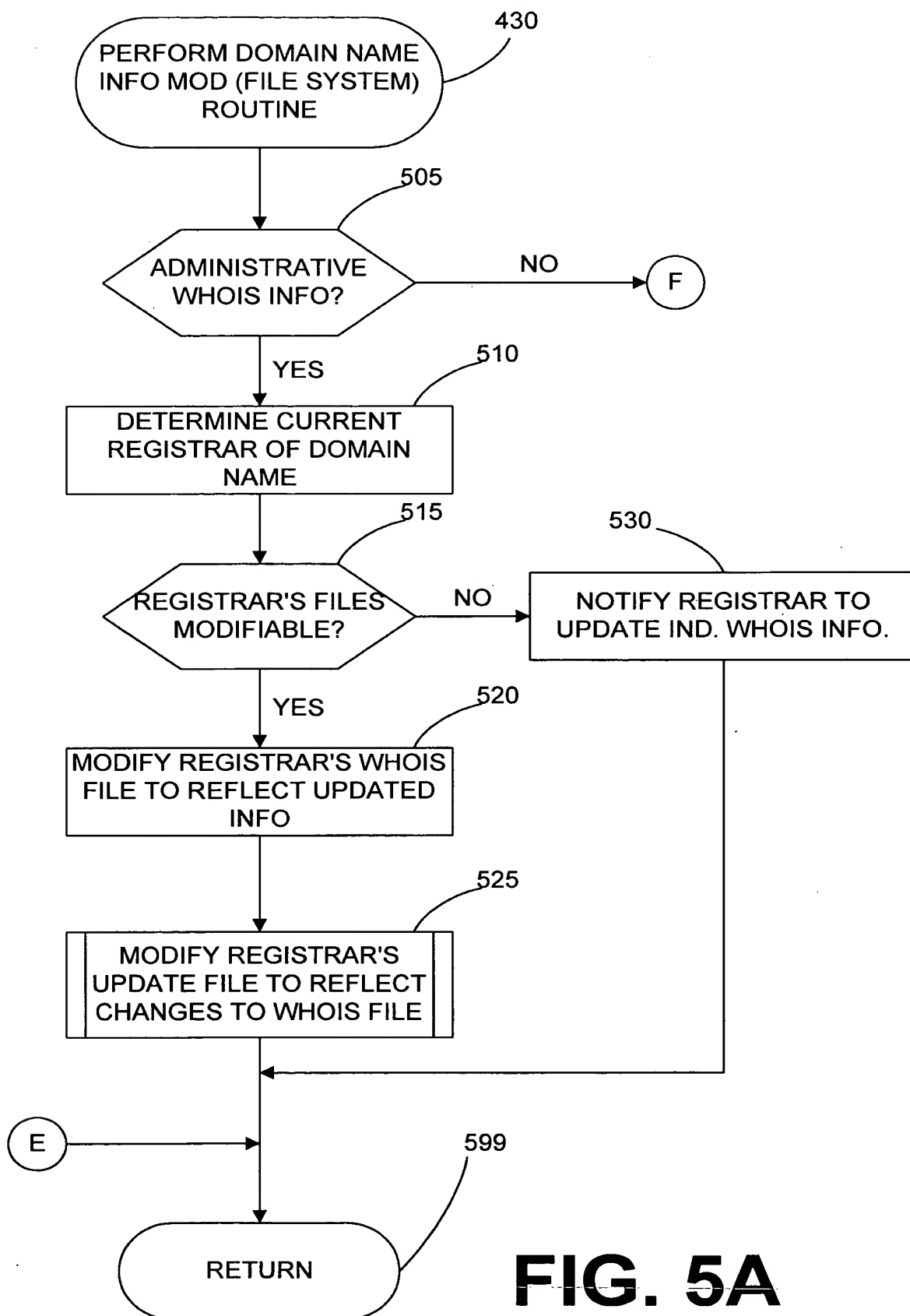


FIG. 5A

FIG. 5B

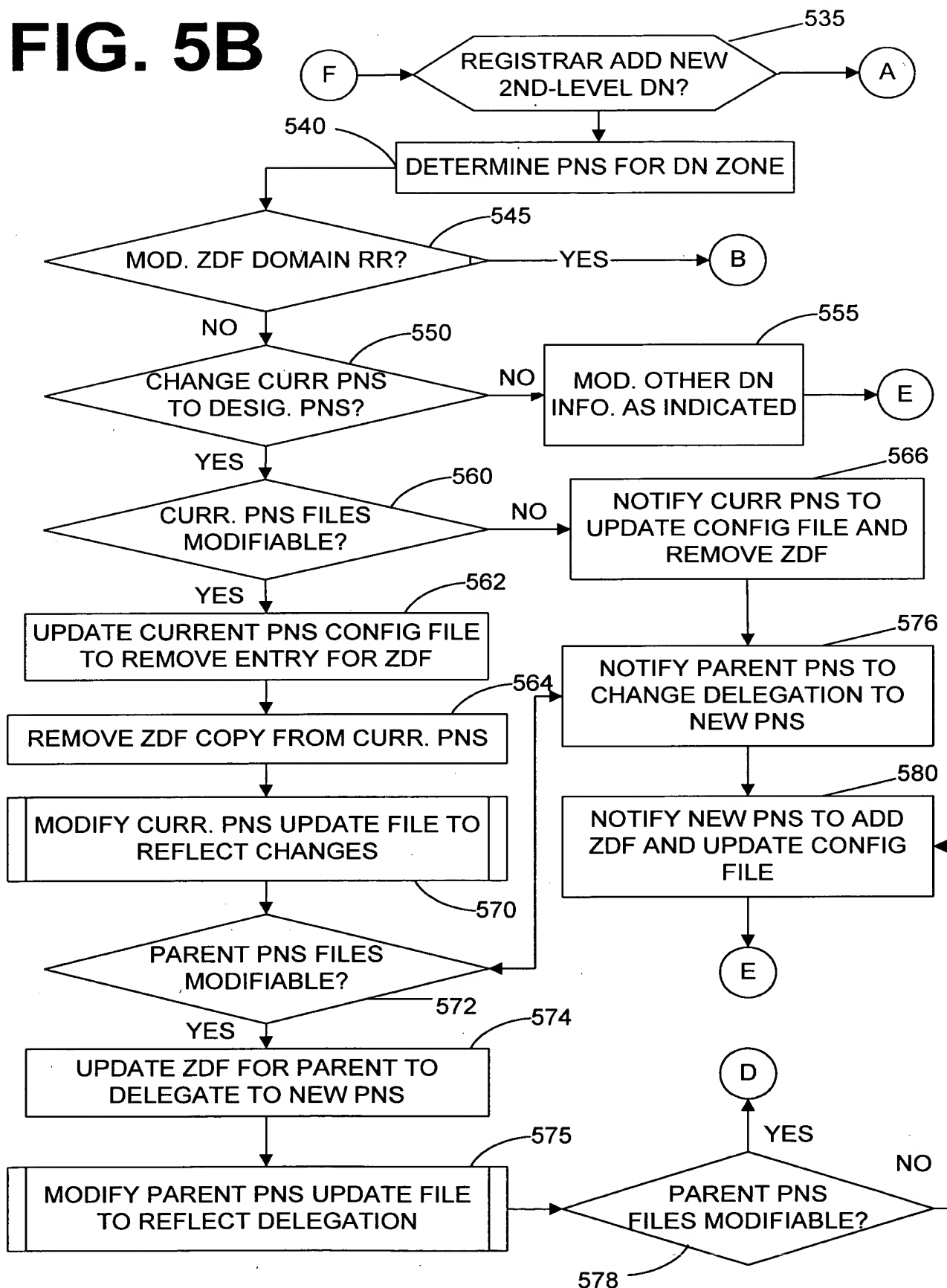


FIG. 5C

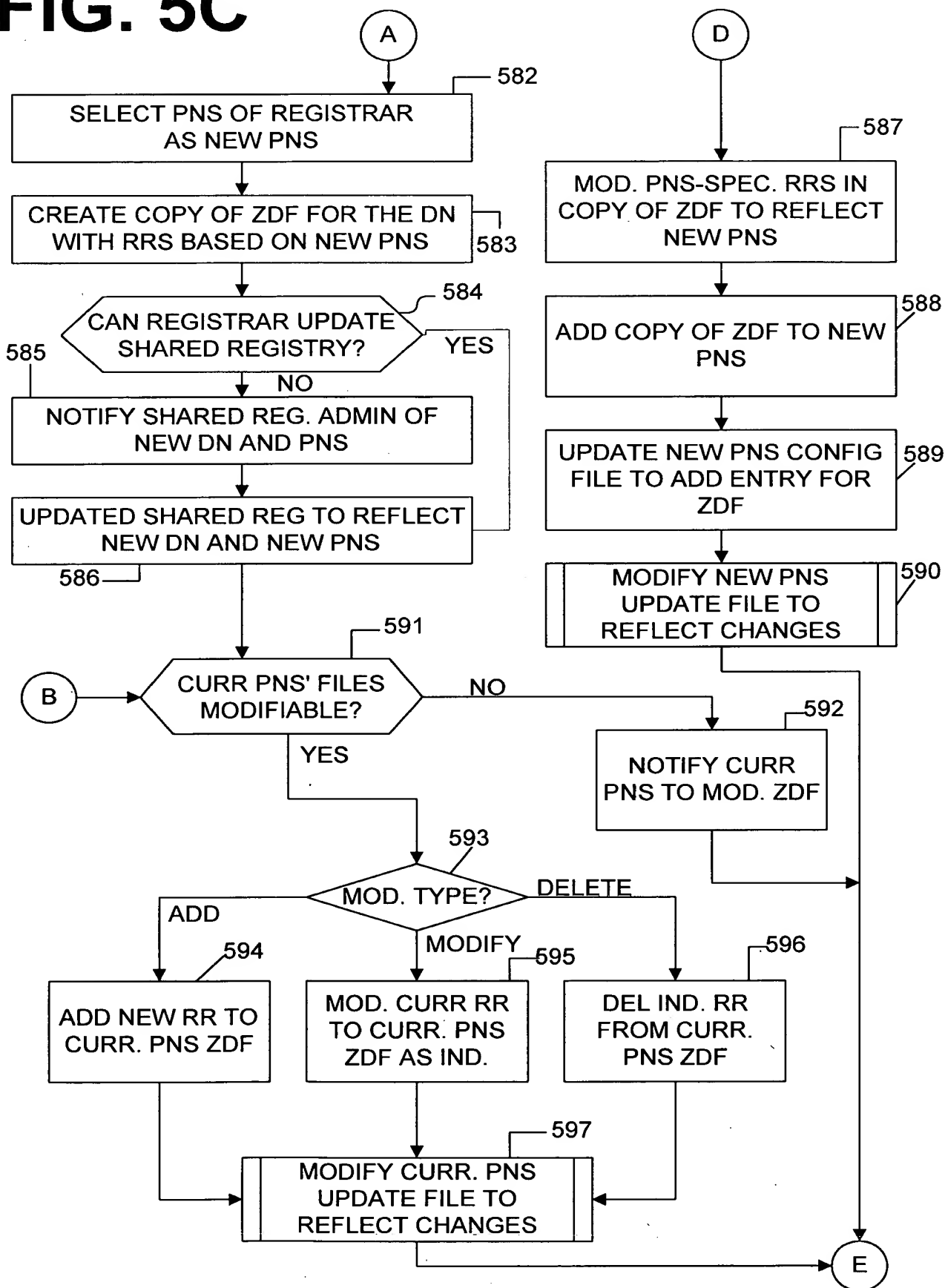
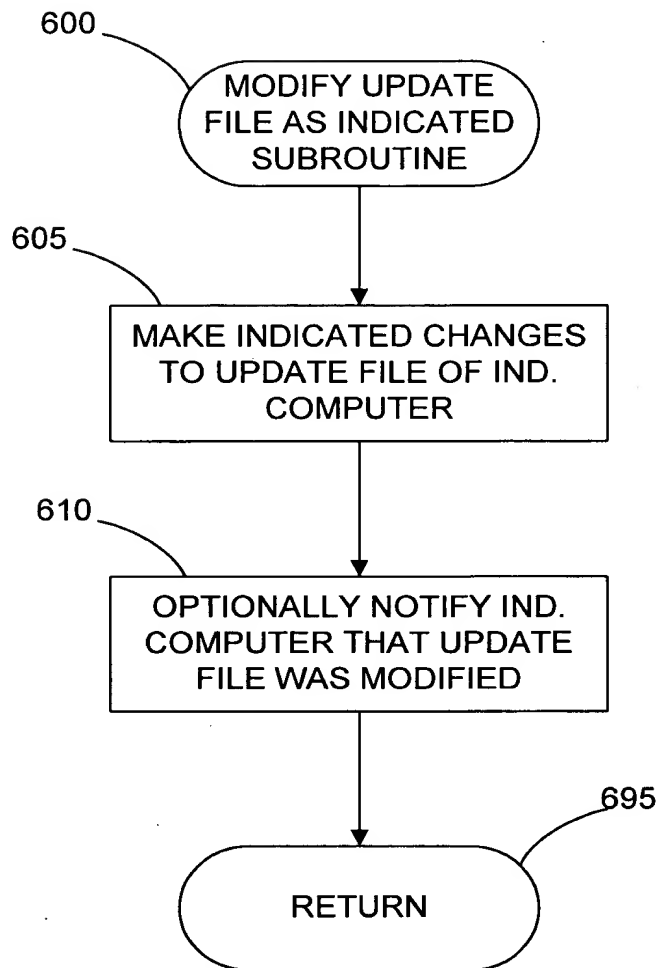


FIG. 6



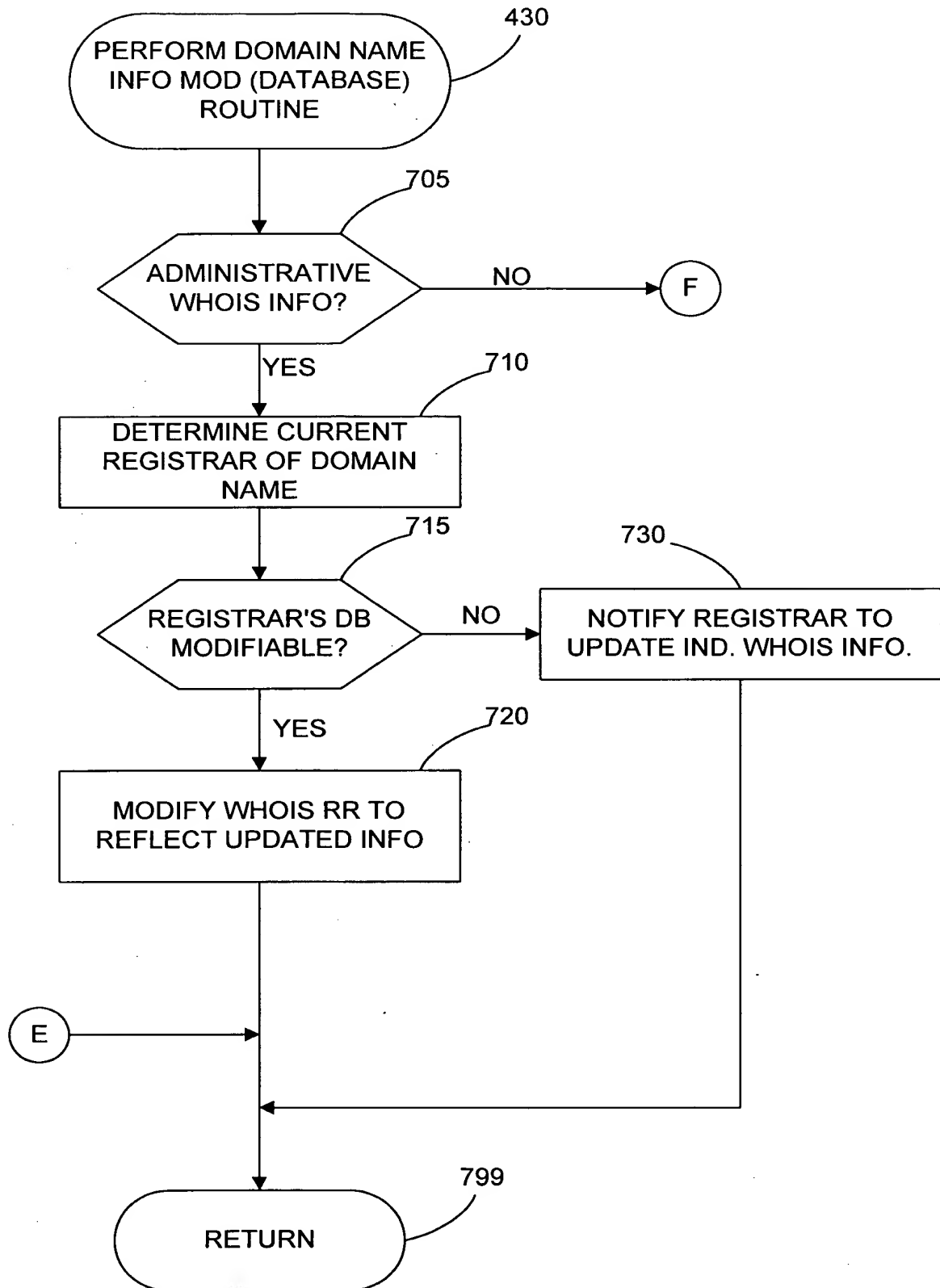


FIG. 7A

FIG. 7B

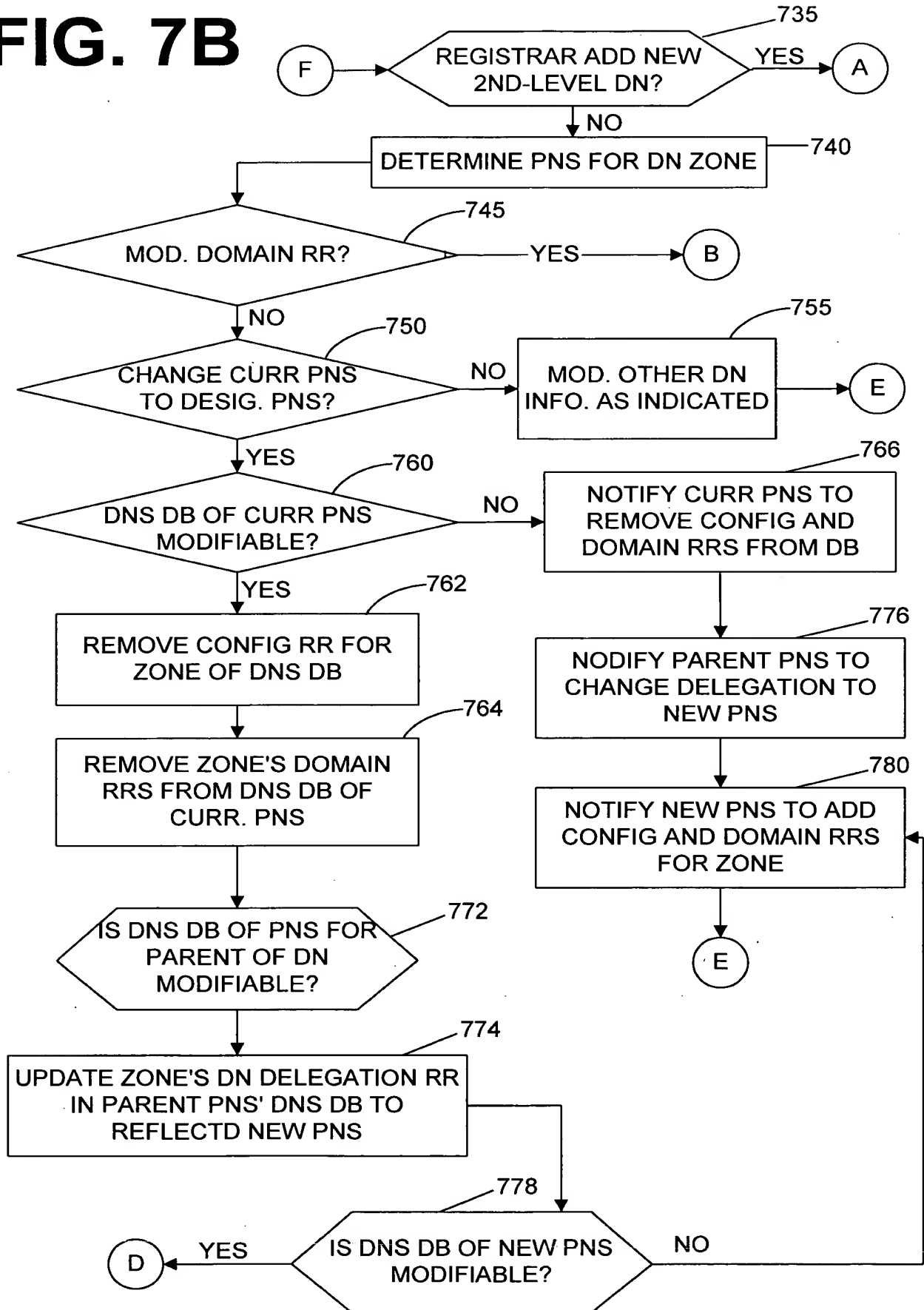


FIG. 7C

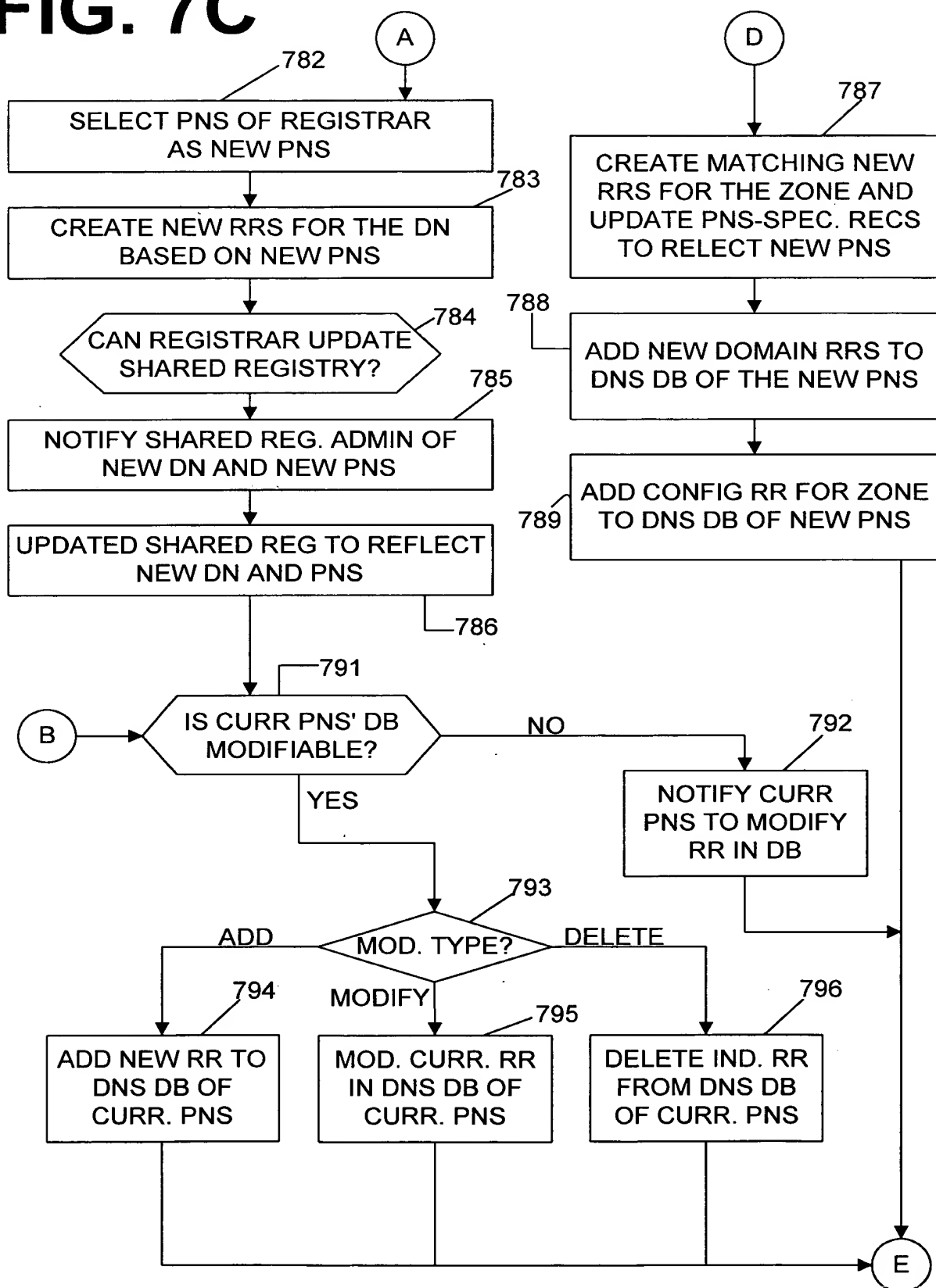


FIG. 8

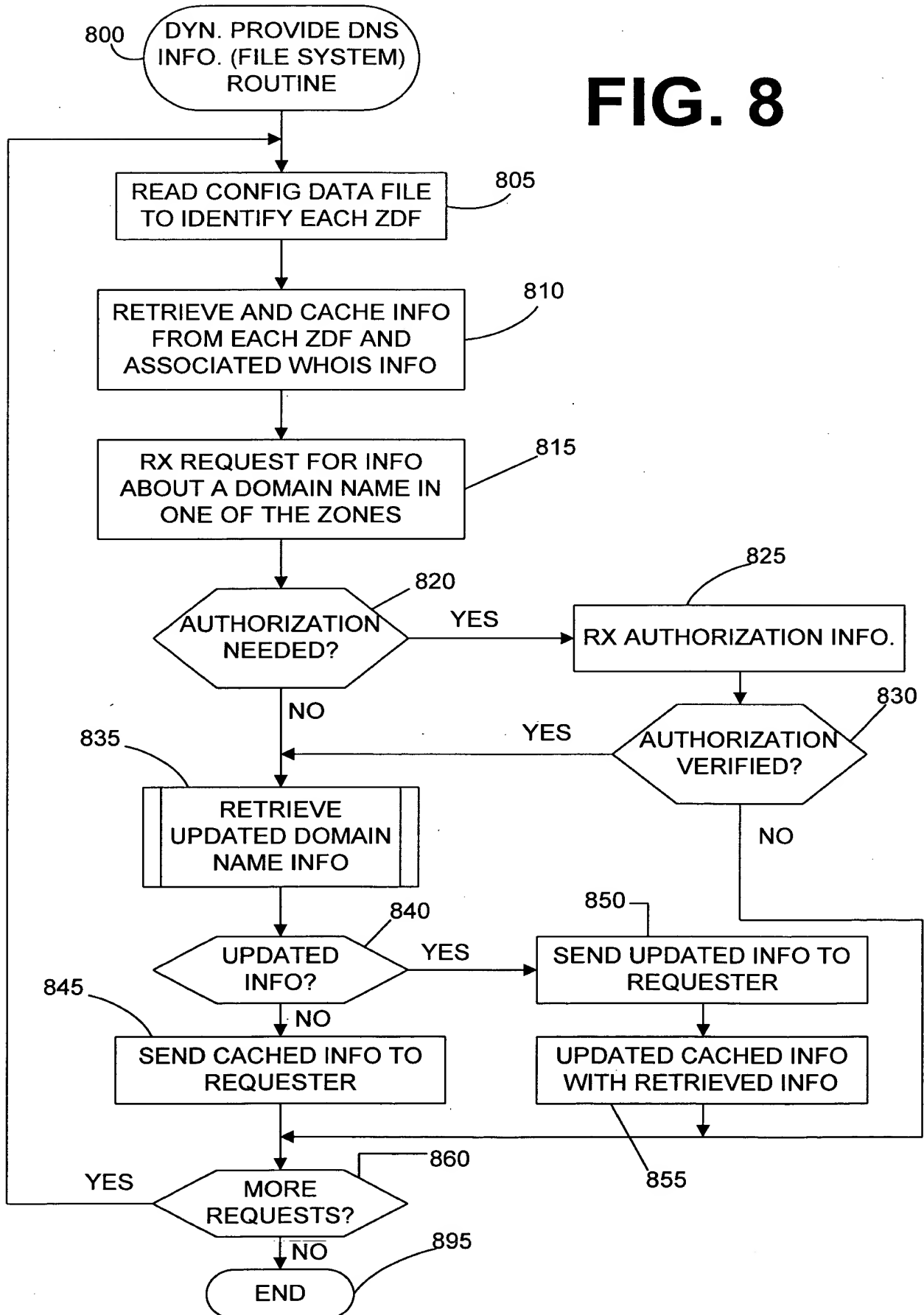


FIG. 9

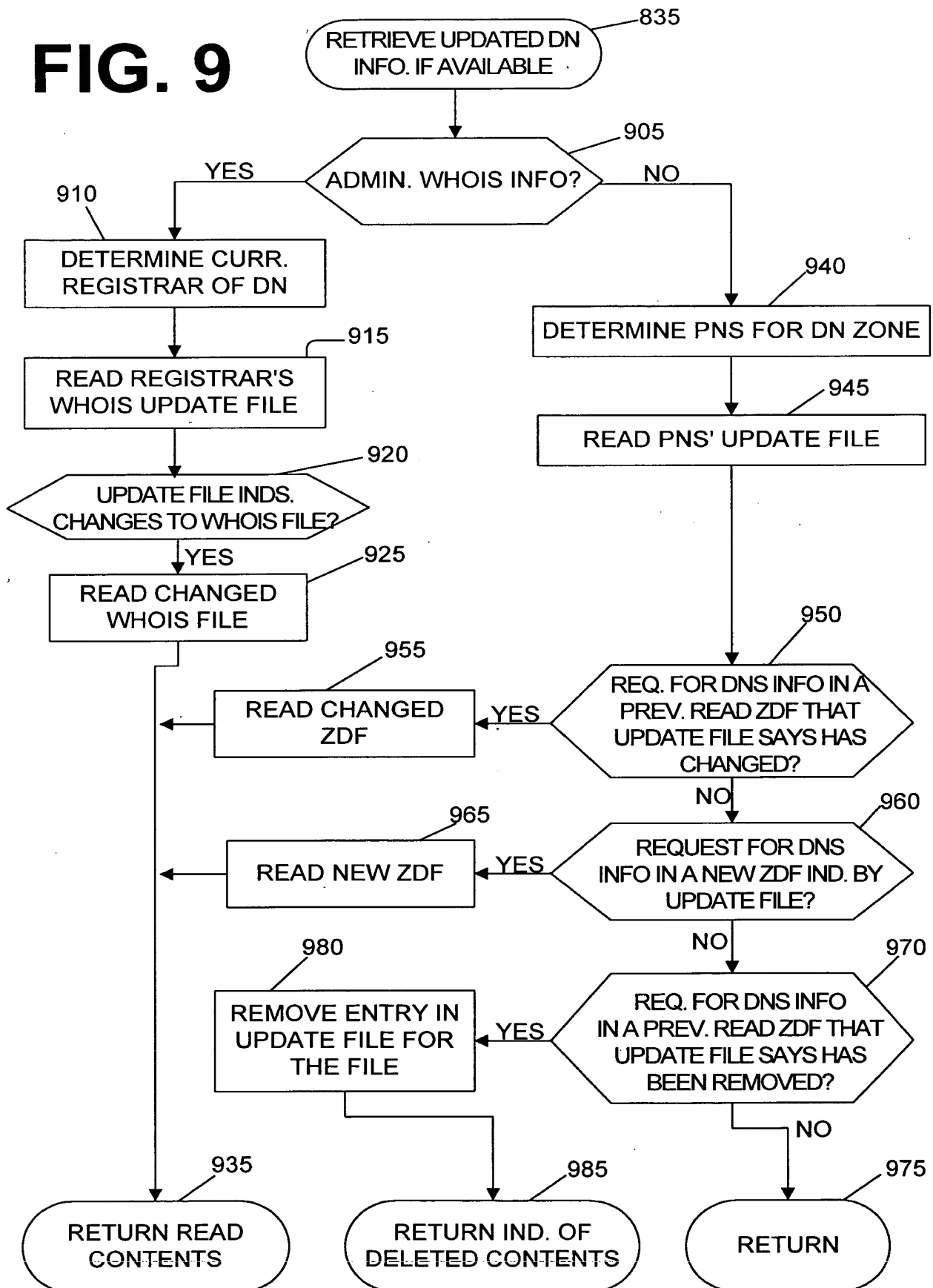


FIG. 10

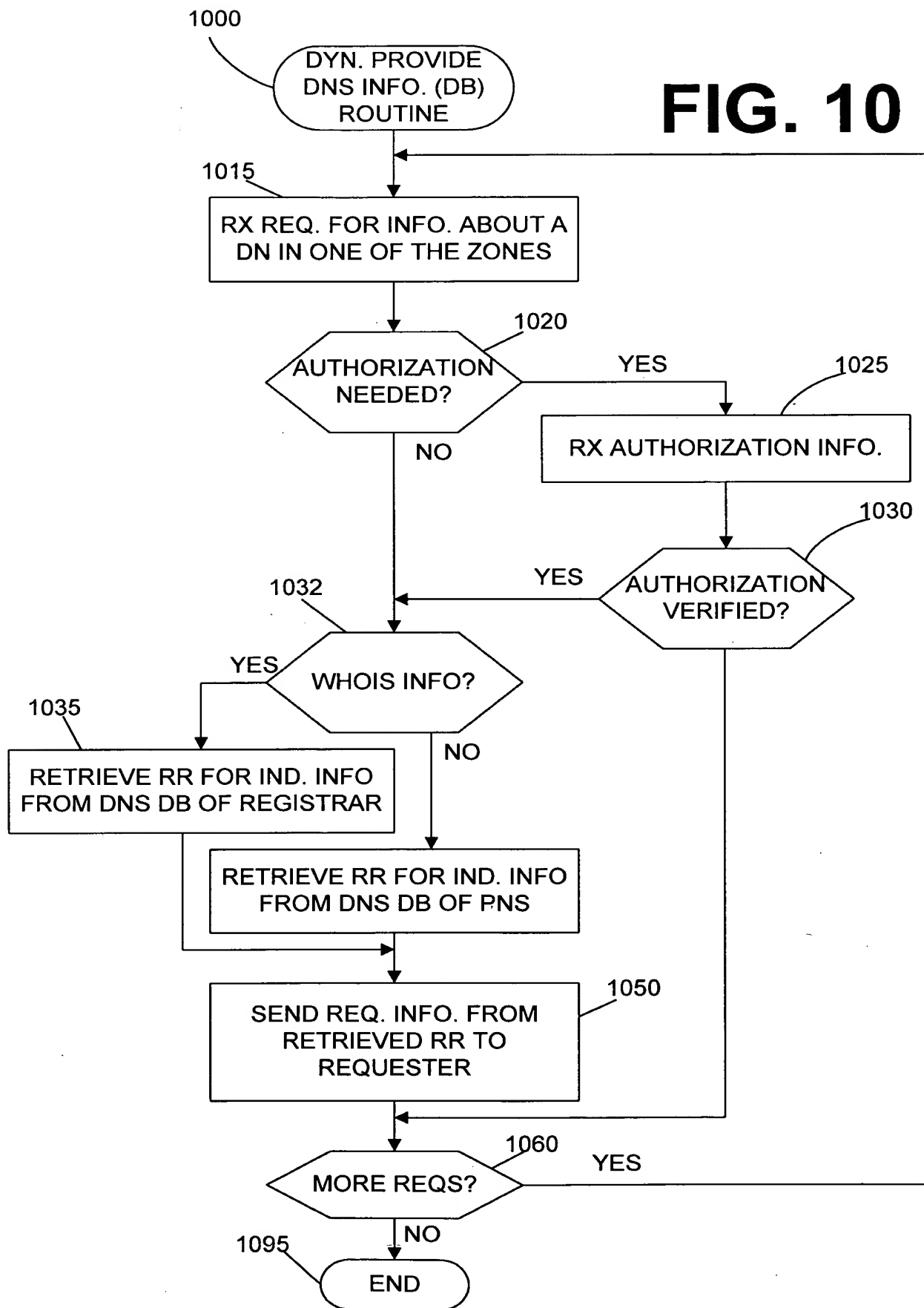


FIG. 11A

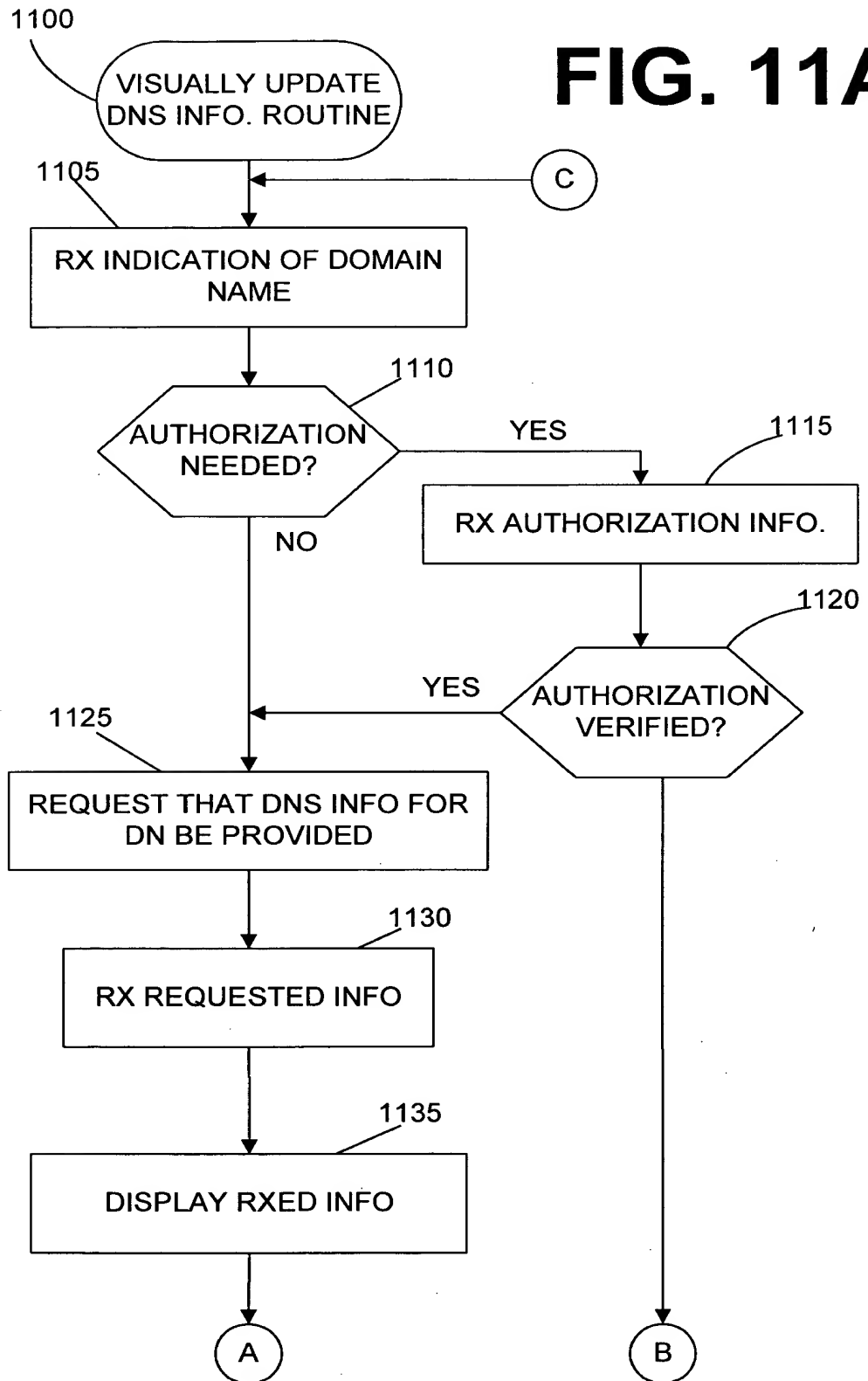


FIG. 11B

